

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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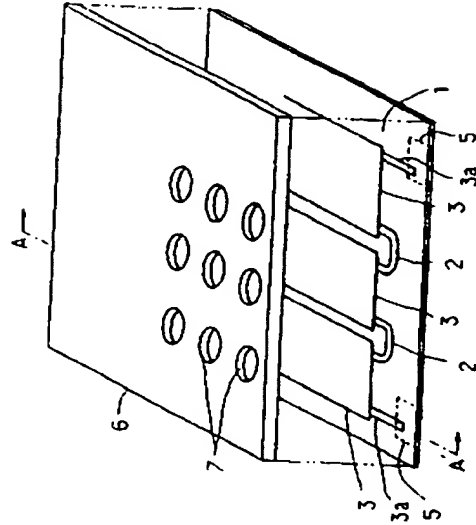
APPLICATION DATE : 05-01-90  
APPLICATION NUMBER : 02000063

APPLICANT : SHIN KOBE ELECTRIC MACH CO LTD;

INVENTOR : HAYAKAWA TAKUMI;

INT.CL. : H01M 2/10

TITLE : PACKAGE OF POWER SUPPLY FOR  
ELECTRONIC APPARATUS



ABSTRACT : PURPOSE: To attain thinness by using thin secondary batteries, placing the broad faces thereof on a substrate while connecting them serially, parallelly or serialy- parallelly, and covering them with a cover.

CONSTITUTION: Thin secondary batteris 3 are serially, parallelly or serially- parallelly connected while the broad faces thereof are placed on a substrate 1, which is covered with a cover 6 for the batteries 3, and are fixed to the substrate 1. This arrangement for mounting the batteries 3 on the substrate 1 eliminates the need for a battery case, enables direct insertion into an electronic apparatus as well as makes free of the replacement from the apparatus. This cover is provided with ventilation holes which give less the influence of heat from the apparatus on the batteries 3 and improves the safety for gas the batteries even in case of generation of gas. Thinness is thereby improved.

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